

Converting Colors

XYZ(13.2181, 14.4322, 25.6226)

Have a look what the booklet for
XYZ(13.2181, 14.4322, 25.6226)
contains.

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Color

**XYZ(13.2084, 14.4057,
25.7513)**

Conversions

Conversions Part 1

Format	Color
Hex	4F6D89
RGB	79, 109, 137
RGB Percent	31%, 43%, 54%
CMY	0.6902, 0.5725, 0.4627
CMYK	0.42, 0.20, 0.00, 0.46
HSL	209°, 27%, 42%
HSV	209°, 42%, 54%
XYZ	13.2084, 14.4057, 25.7513
YIQ	103.2220, -26.8680, 2.3480

Conversions

Conversions Part 2

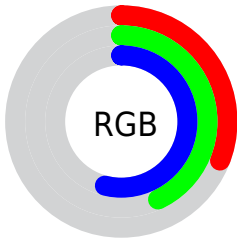
Format	Color
R_{YB}	79, 99, 137
Decimal	5205385
CIE _{Lab}	44.81, -3.12, -18.84
CIE _{LCh}	45, 19.097, 260.584
Yxy	14.4057, 0.2475, 0.2699
Android (android.graphics.Color)	4283395465 (0xFF4F6D89)
YUV	103.2220, 16.6526, -21.2427
Hunter-Lab	37.9548, -4.3024, -13.6582

Details

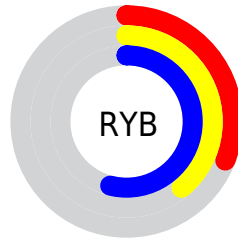
The XYZ color **13.2084, 14.4057, 25.7513** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **16.9857, 16.3984, 9.6674**, and the grayscale version is **12.9136, 13.5861, 14.7953**.

A 20% lighter version of the original color is **31.2251, 33.6846, 53.5712**, and **3.9496, 4.3946, 9.6569** is the 20% darker color. If you saturate the color by 10%, you get **11.5051, 12.5196, 25.4773**, and if you desaturate by 10%, it is **15.2007, 16.5202, 26.0547**.

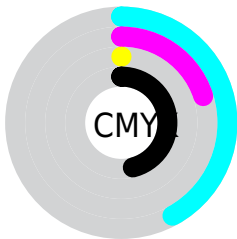
Distribution



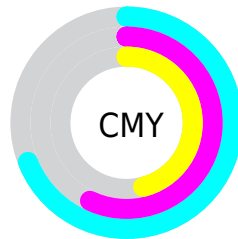
- Red (31%)
- Green (43%)
- Blue (54%)



- Red (31%)
- Yellow (39%)
- Blue (54%)



- Cyan (42%)
- Magenta (20%)
- Yellow (0%)
- Black (46%)



- Cyan (69%)
- Magenta (57%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.2084, 14.4057, 25.7513 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 13.2084, 14.4057, 25.7513 by changing the saturation by 10% instead.

■ 13.2084, 14.4057,
25.7513

■ 13.2084, 14.4057,
25.7513

205.8597,
219.7403, 295.1256

■ 7.6502, 8.4034,
16.4136

■ 31.2758, 33.8072,
53.8526

■ 3.9219, 4.3541,
9.6598

■ 44.5157, 47.9751,
73.4533

■ 1.6580, 1.8736,
5.0713

■ 61.0469, 65.6337,
97.3120

■ 0.4298, 0.5324,
2.2297

■ 81.2348, 87.1673,
125.8474

■ 0.0000, 0.0000,
0.6914

■ 105.4446,
112.9604, 159.4779

■ 0.0000, 0.0000,
0.0000

134.0418,

143.3973, 198.6220

167.3917,
178.8625, 243.6984

■ 13.2084, 14.4057,
25.7513

■ 13.2084, 14.4057,
25.7513

■ 11.5051, 12.5196,
25.4773

■ 15.2007, 16.5202,
26.0547

■ 10.0735, 10.8504,
25.2306

■ 17.4949, 18.8705,
26.3874

■ 8.8969, 9.3880,
25.0103

■ 20.1049, 21.4657,
26.7508

■ 7.9557, 8.1204,
24.8152

■ 23.0432, 24.3139,
27.1457

■ 7.2268, 7.0338,
24.6439

■ 26.3217, 27.4226,
27.5729

■ 6.7601, 6.2955,
24.5260

■ 29.9516, 30.7992,
28.0334

■ 33.9435, 34.4506,
28.5277

■ 38.3078, 38.3834,
29.0568

■ 43.0541, 42.6042,
29.6214

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



11.8785, 14.4057, 23.2825



13.2084, 14.4057, 25.7513



14.7716, 14.4057, 25.1551

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



13.2084, 14.4057, 25.7513



16.6893, 14.4057, 12.8608



11.5078, 14.4057, 10.8484

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



13.2084, 14.4057, 25.7513



16.9857, 16.3984, 9.6674

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



12.6667, 14.4057, 8.9520



13.2084, 14.4057, 25.7513



15.6817, 14.4057, 9.9518

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



13.2084, 14.4057, 25.7513



16.8619, 14.4057, 17.1297



14.1876, 14.4057, 8.6582



10.9469, 14.4057, 14.3246

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



13.2084, 14.4057, 25.7513



15.7329, 14.4057, 23.1365



14.1876, 14.4057, 8.6582



11.8360, 14.4057, 10.0350

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



13.2089, 14.4062, 25.7516



35.5338, 37.9790, 47.8410



14.7754, 20.5959, 16.8508



7.7572, 8.3086, 10.7012



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



13.2089, 14.4062, 25.7516



20.6621, 22.4868, 45.6346



10.6776, 9.3437, 24.9079



4.9746, 5.2921, 6.3651



6.3089, 5.8882, 22.8497



0.0566, 0.0684, 0.1567

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



15.8732, 12.0148, 15.9511



26.2628, 18.1529, 24.8769



20.4013, 23.2297, 10.8060



5.1338, 5.0890, 5.7930



10.6713, 5.3786, 6.0392



0.0783, 0.0387, 0.0791

Previews

White Background



This preview shows how the XYZ color 13.2084, 14.4057, 25.7513 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 13.2084, 14.4057, 25.7513 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

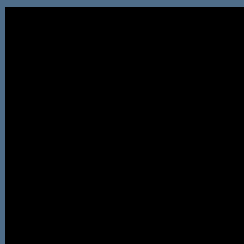
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

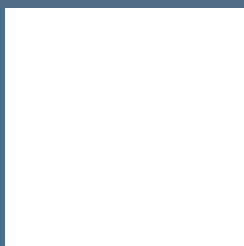
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.2084, 14.4057, 25.7513

Background



This preview shows how black text looks on a background with the XYZ color 13.2084, 14.4057, 25.7513.

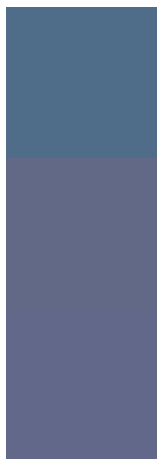


This preview shows how white text looks on a background with the XYZ color 13.2084, 14.4057,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

13.2084, 14.4057, 25.7513

Protanopia

14.3917, 14.4211, 24.5793

Deuteranopia

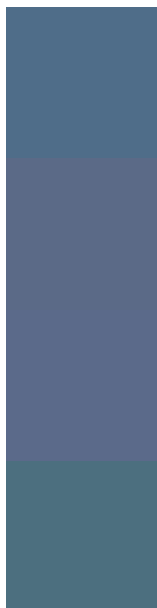
14.5748, 14.3323, 26.0430



Tritanopia

12.1470, 14.4647, 20.2409

Trichromacy



Original Color

13.2084, 14.4057, 25.7513

Protanomaly

13.8416, 14.2815, 24.9487

Deuteranomaly

14.0559, 14.3672, 26.0771

Tritanomaly

12.4957, 14.4377, 22.2068

Monochromacy



Original Color

13.2084, 14.4057, 25.7513

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

12.7622, 13.7206, 18.1954

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.2084, 14.4057, 25.7513 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(79, 109, 137)` looks like.

```
.text, #text, p{  
  color:rgb(79, 109, 137)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(79, 109, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 109, 137) }
```

Border

The CSS property to change the border of an element to XYZ 13.2084, 14.4057, 25.7513 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(79, 109, 137) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(79, 109, 137) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(79, 109, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 109, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 109, 137);  
box-shadow:4px 4px 4px 4px rgb(79, 109,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 13.2084, 14.4057, 25.7513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 109, 137) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(79, 109,  
137) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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